



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Friday April 23, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Enhanced risk of severe storms today across E TX, S AR, and LA. Threats include large to very large hail, damaging winds, and tornadoes.**
- **Heavy rain/flash flooding threat today across E TX, N LA, and S AR today.**
- **Elevated to critical fire weather conditions across NM, W TX, and the Panhandles into early next week.**
- **Threat of severe weather and heavy rainfall returns on Tuesday across parts of TX, OK, and AR.**

FEMA Region 6 Threat Matrix

Apr 23, 2021 - Apr 27, 2021



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	ETX/S AR/LA	E LA			TX/OK
	TX/OK				
Heavy Rain / Flash Flooding	ETX/S AR/N LA				TX/OK/AR
Fire Weather	NM/W TX	NM	NM TX/OK Panhandles	NM/W TX TX/OK Panhandles	NM/W TX TX/OK Panhandles
Tropical Winds / Surge					
Winter Weather					
River Flooding	LA	LA,AR,TX	LA, AR, TX	LA, AR,TX	LA, AR,TX
	AR,TX				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

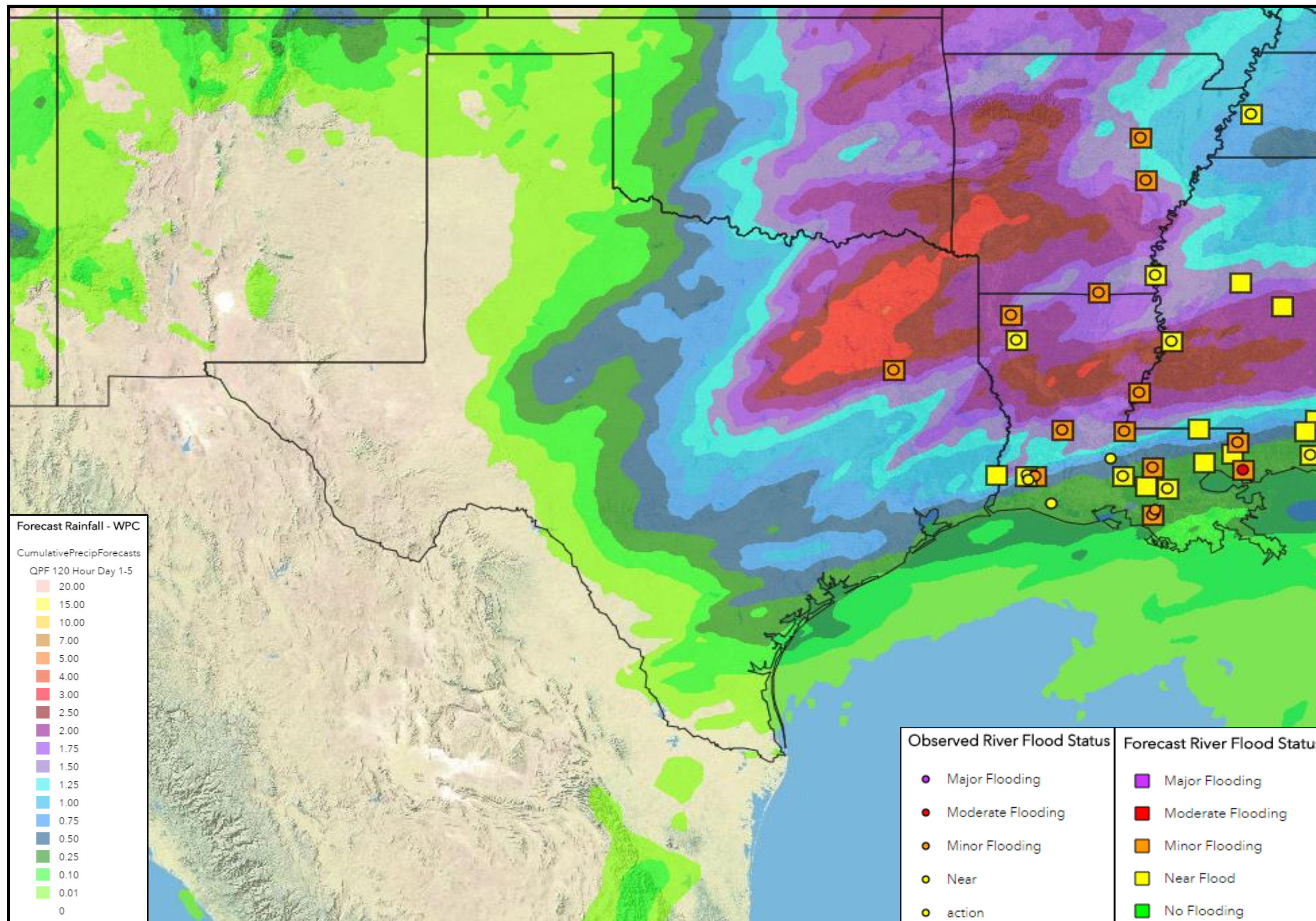
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The Pearl River near Pearl River (LA) will fall into minor flood stage today.

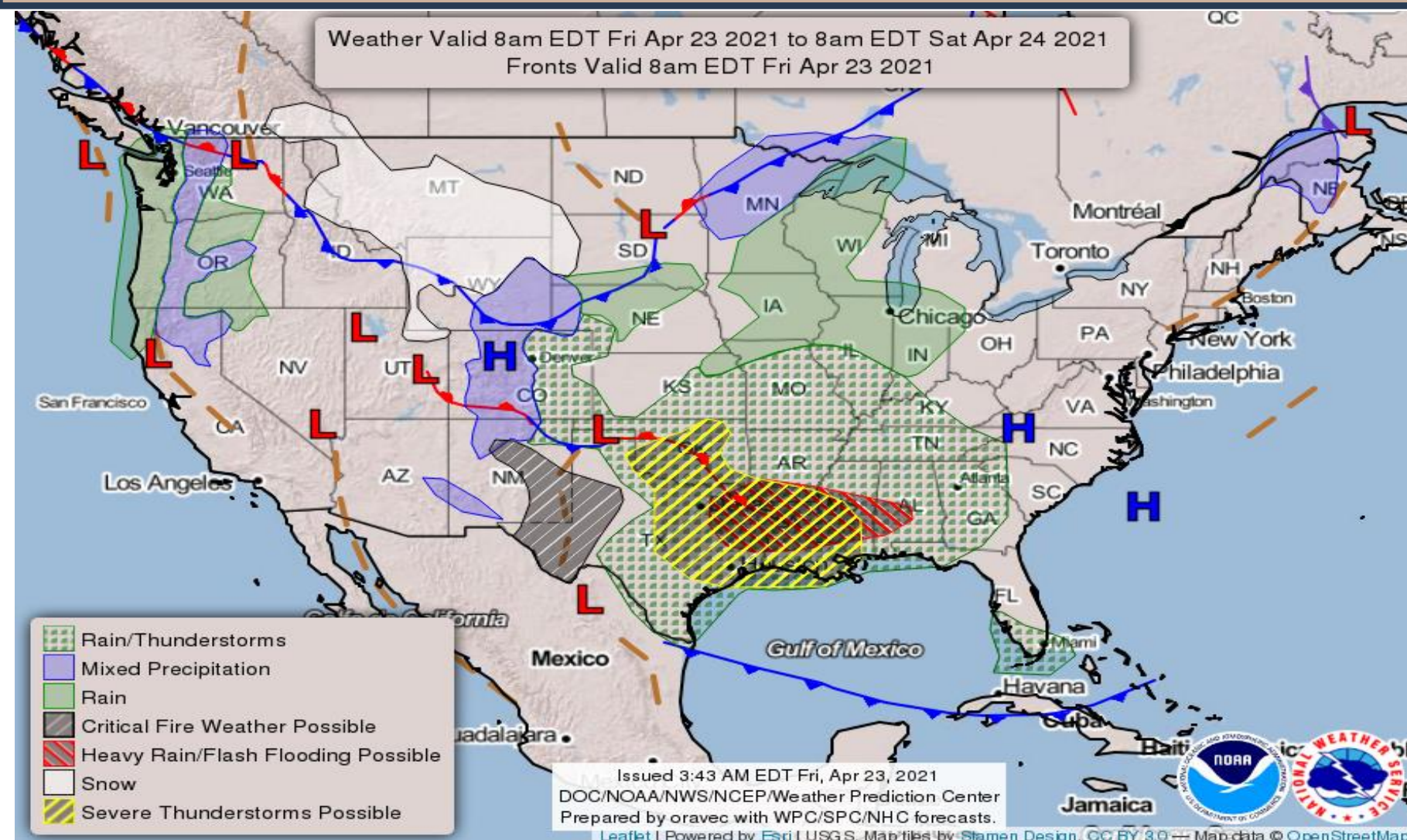
The Mississippi River at both Red River Landing and Baton Rouge have fallen to minor flood stage.

Minor river flooding continues elsewhere across LA, AR, and NETX with impacts to roads and agricultural/recreational areas.

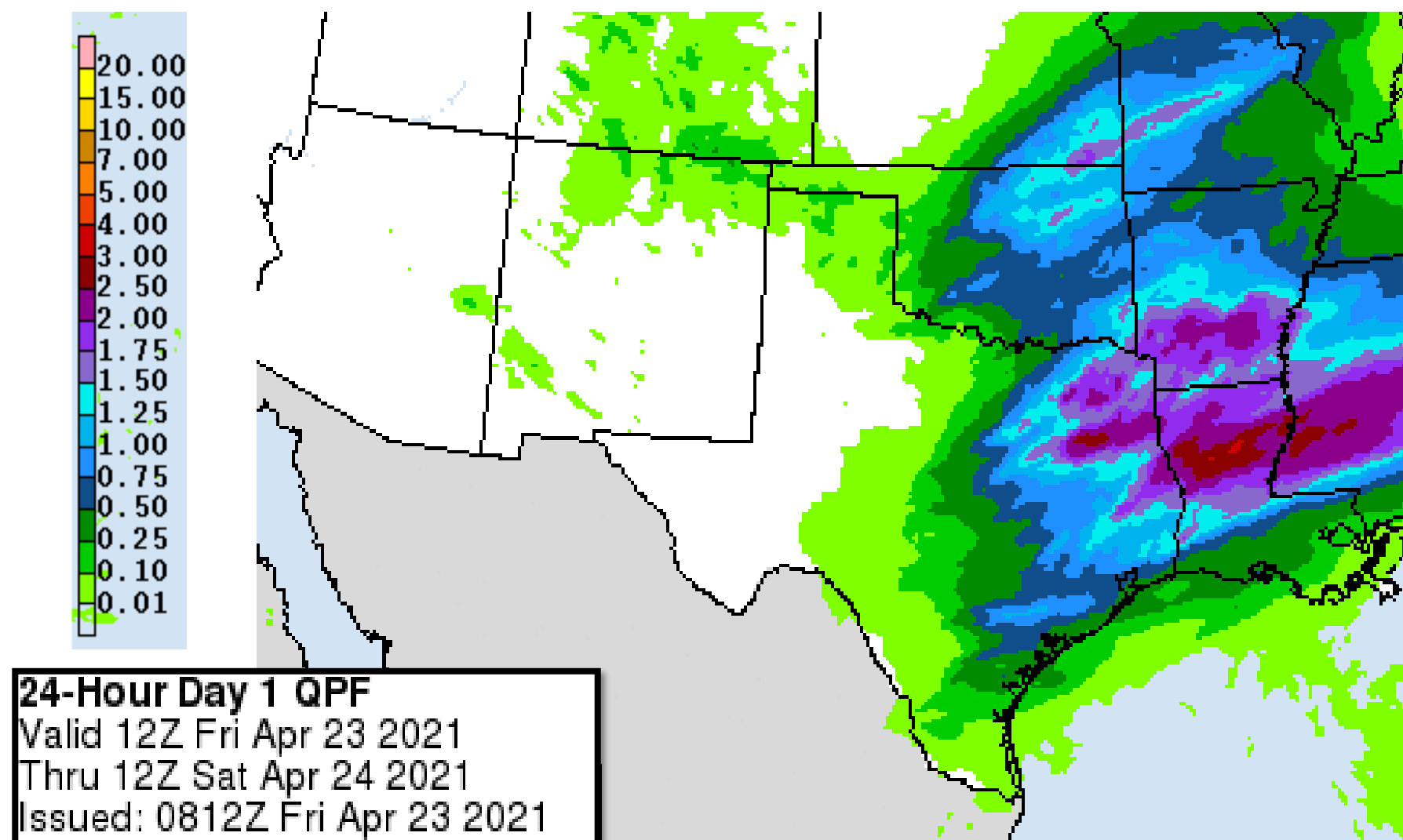
Rainfall today may cause some rivers to rise to minor flood stage in LA and ETX.

Today's Weather

Forecast Chart



Forecast Rainfall

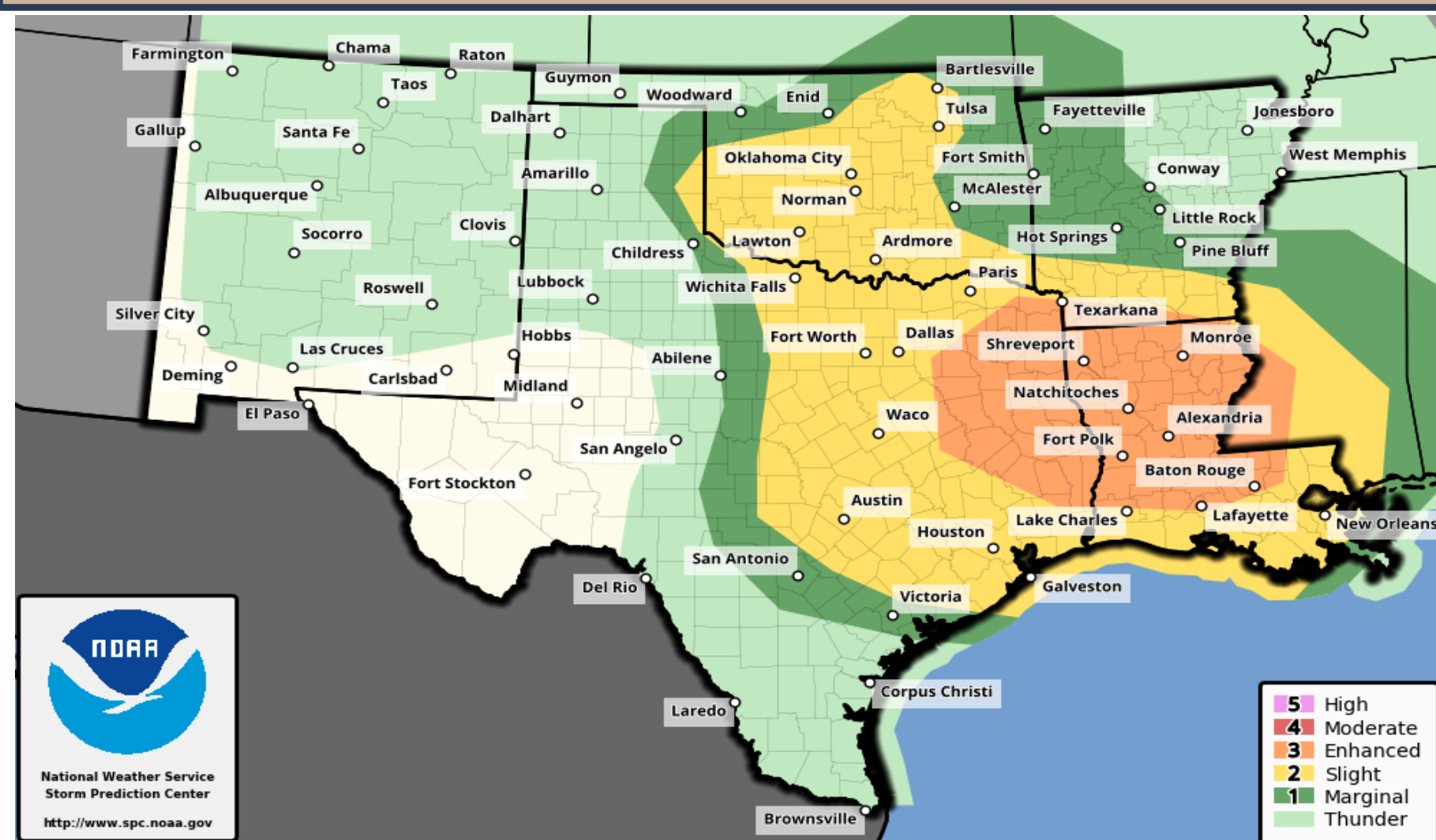


Enhanced risk of severe storms across ETX/S AR/LA. Threats include large to very large hail, damaging winds, and tornadoes.

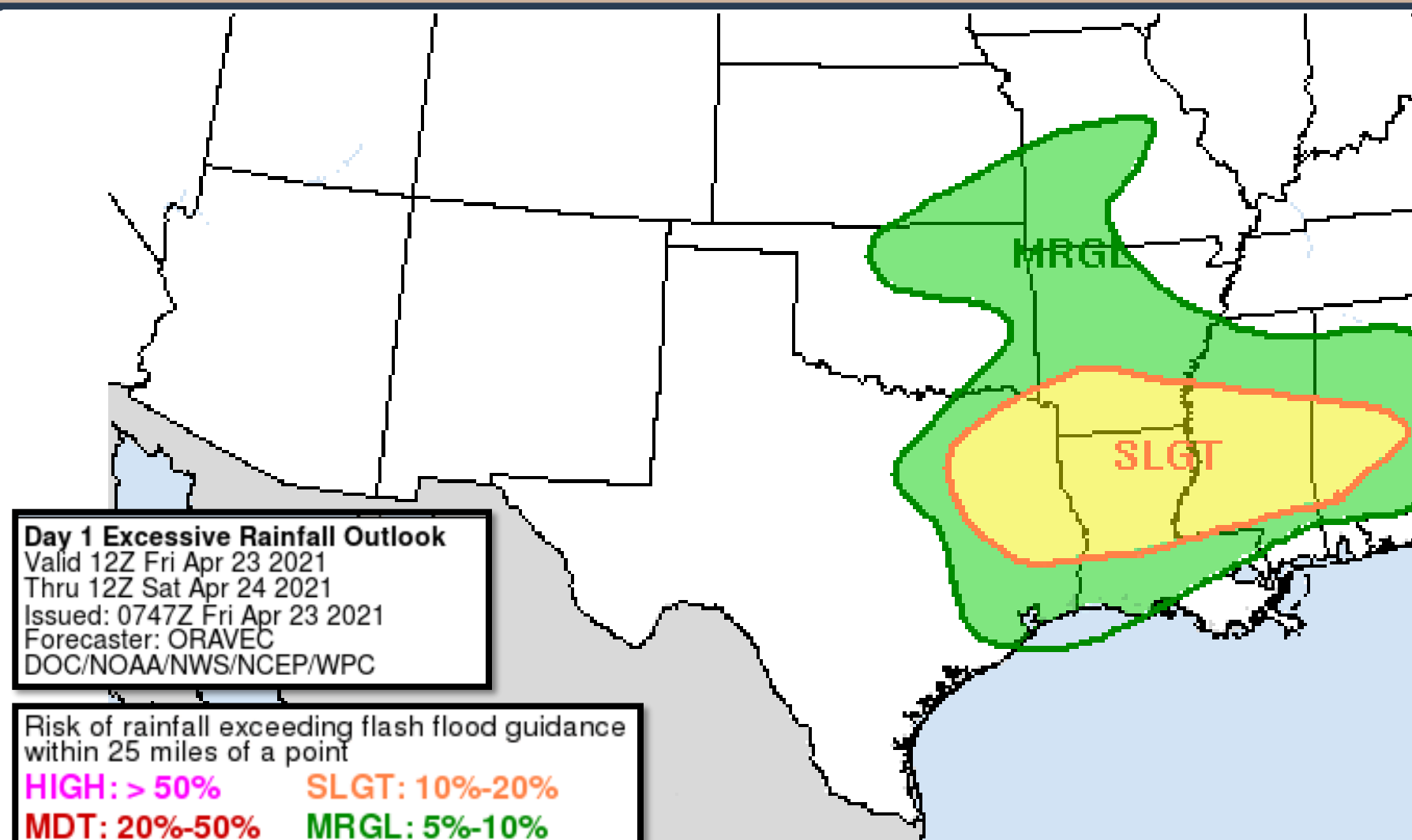
Slight risk of severe storms across parts of TX, OK, S LA, and S AR.

Heavy rain/flash flooding across ETX/LA/S AR.

Severe Weather Outlook



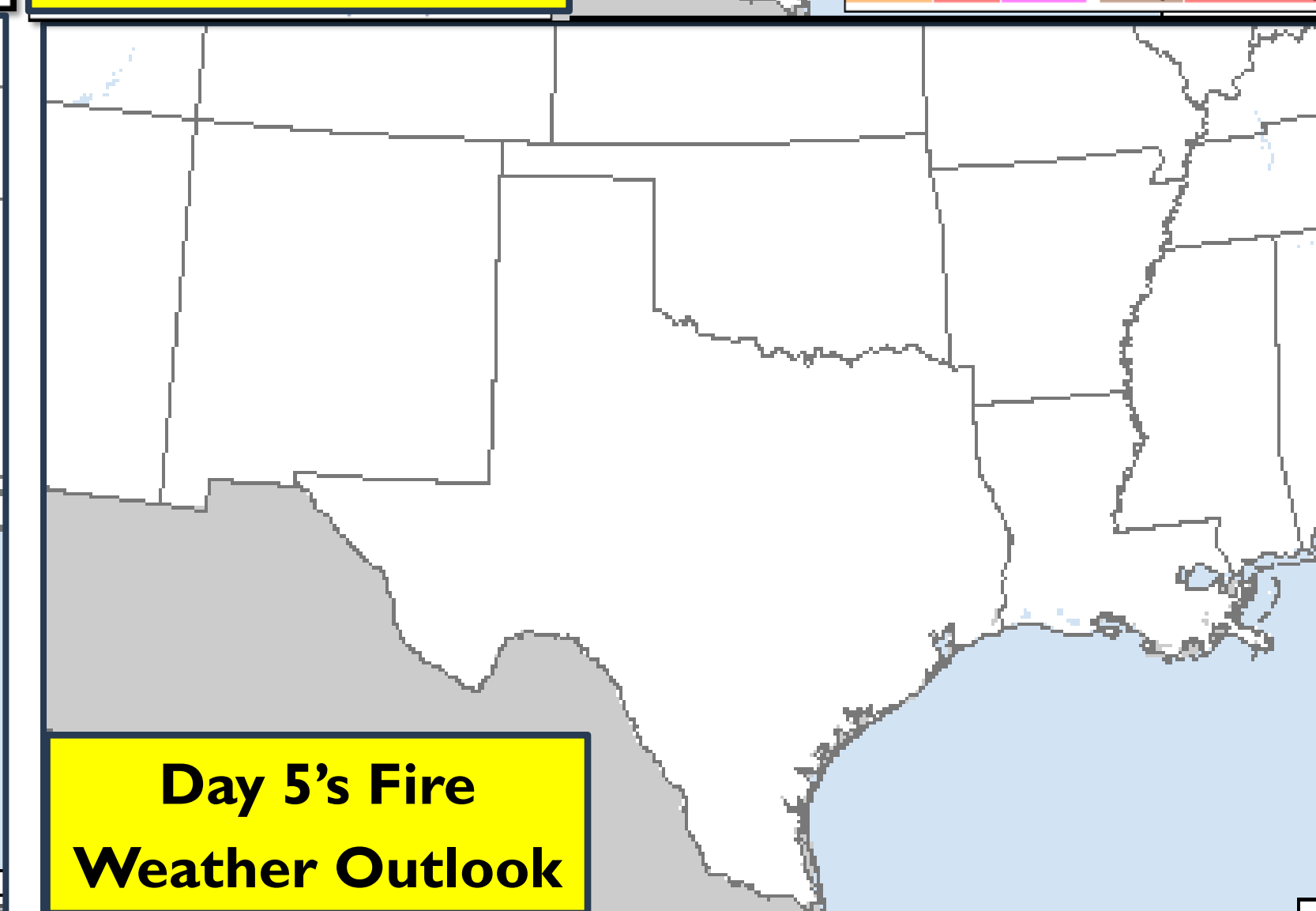
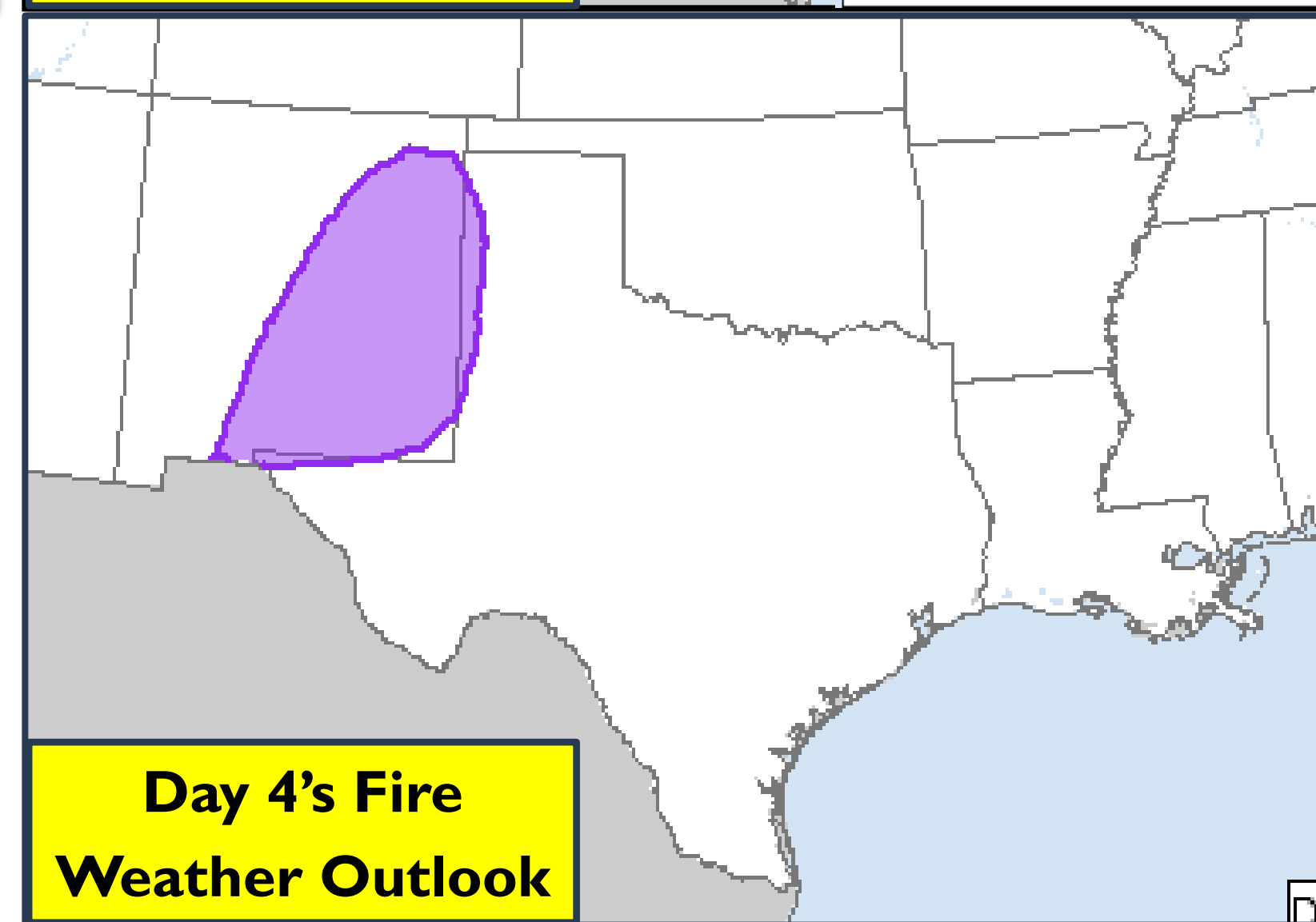
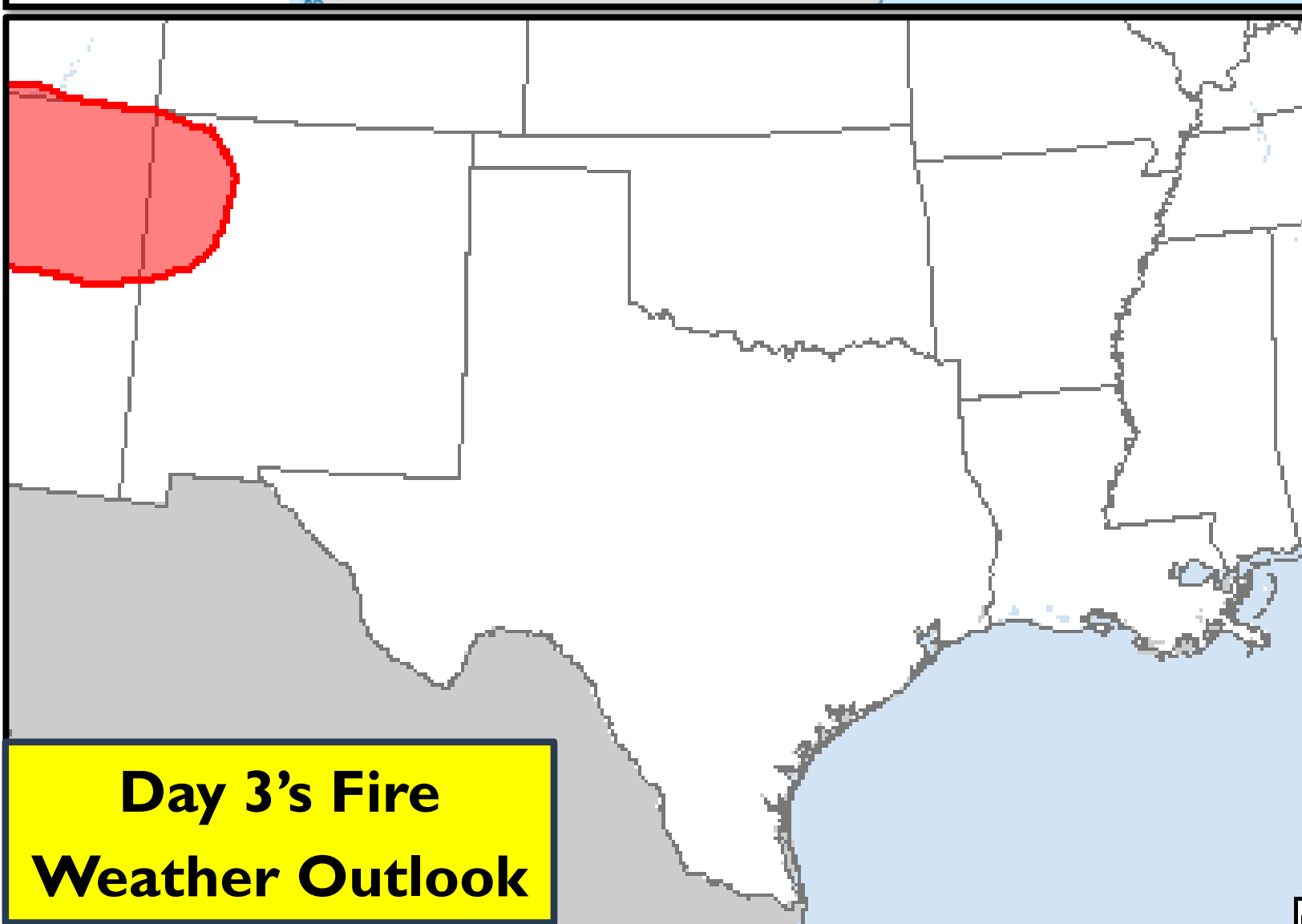
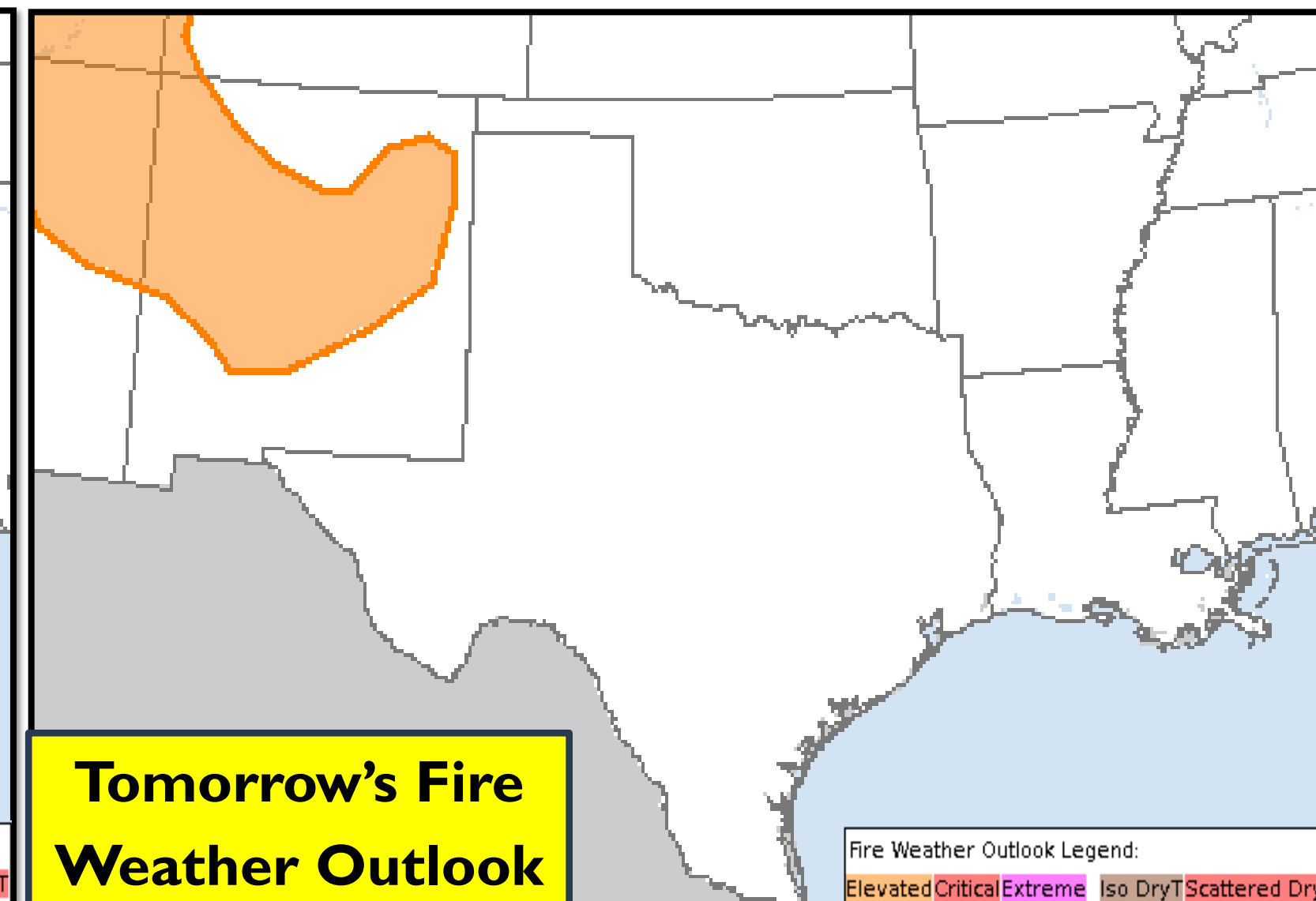
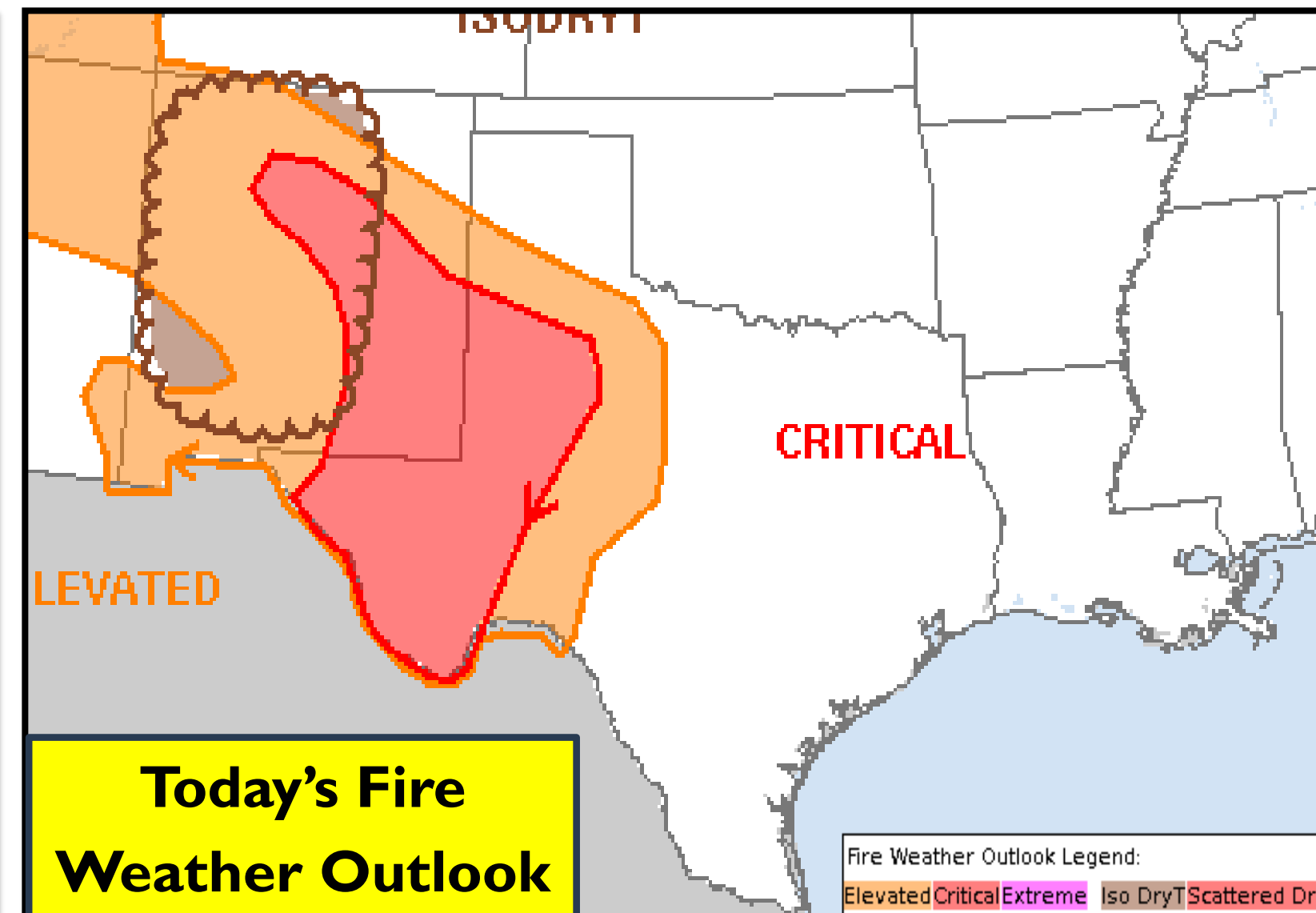
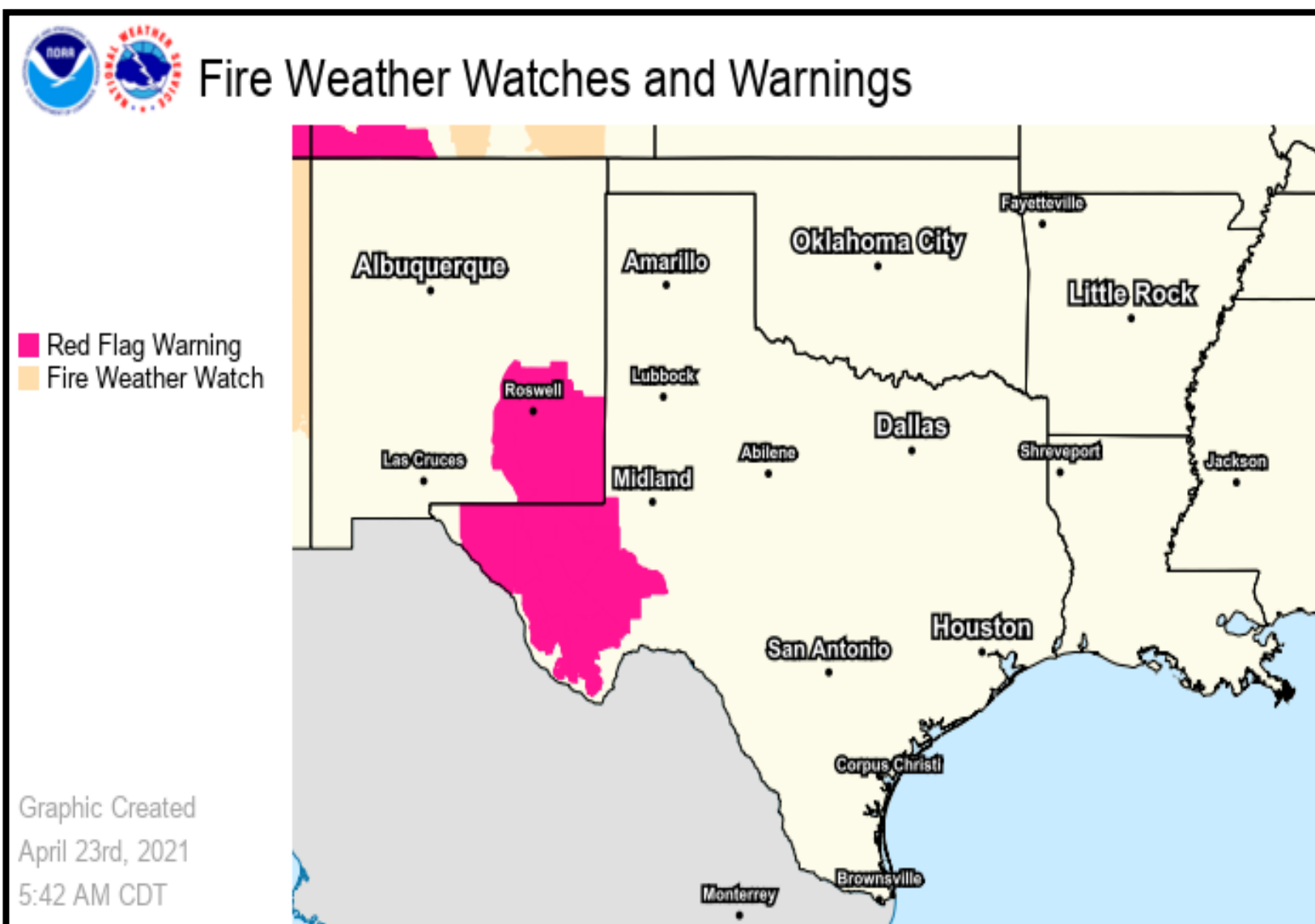
Excessive Rainfall Outlook



Fire Weather Outlooks



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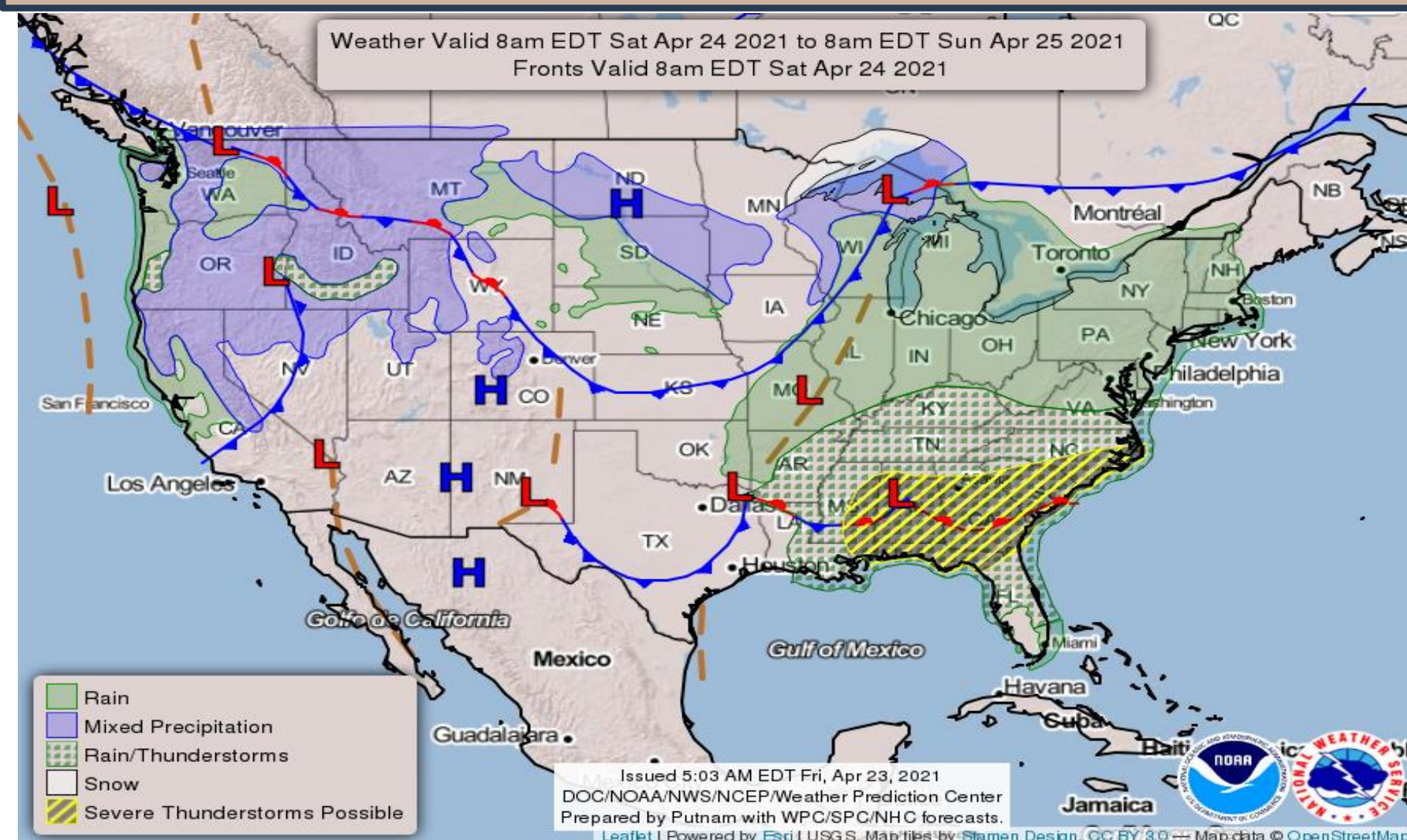


Tomorrow's Weather

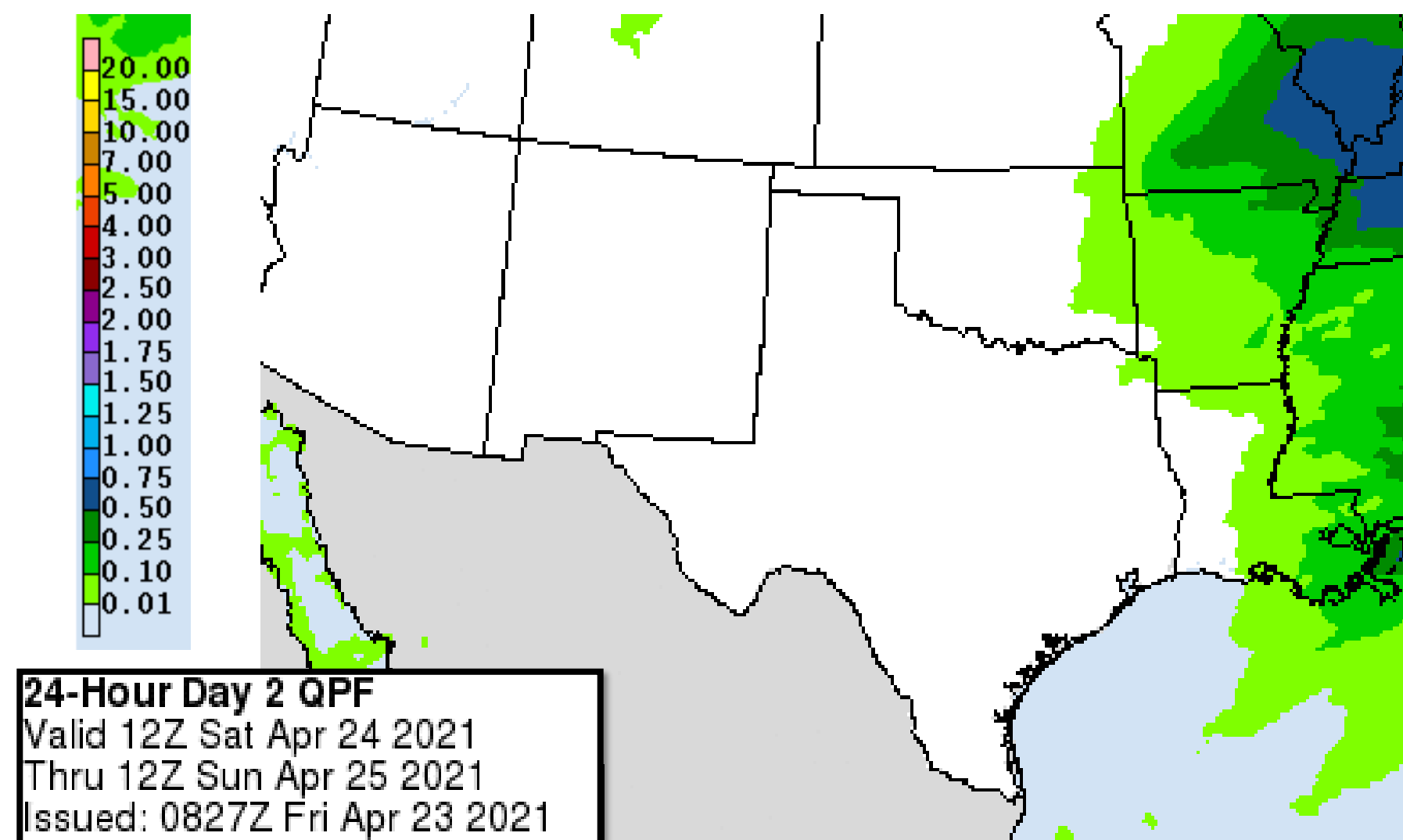


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Forecast Chart

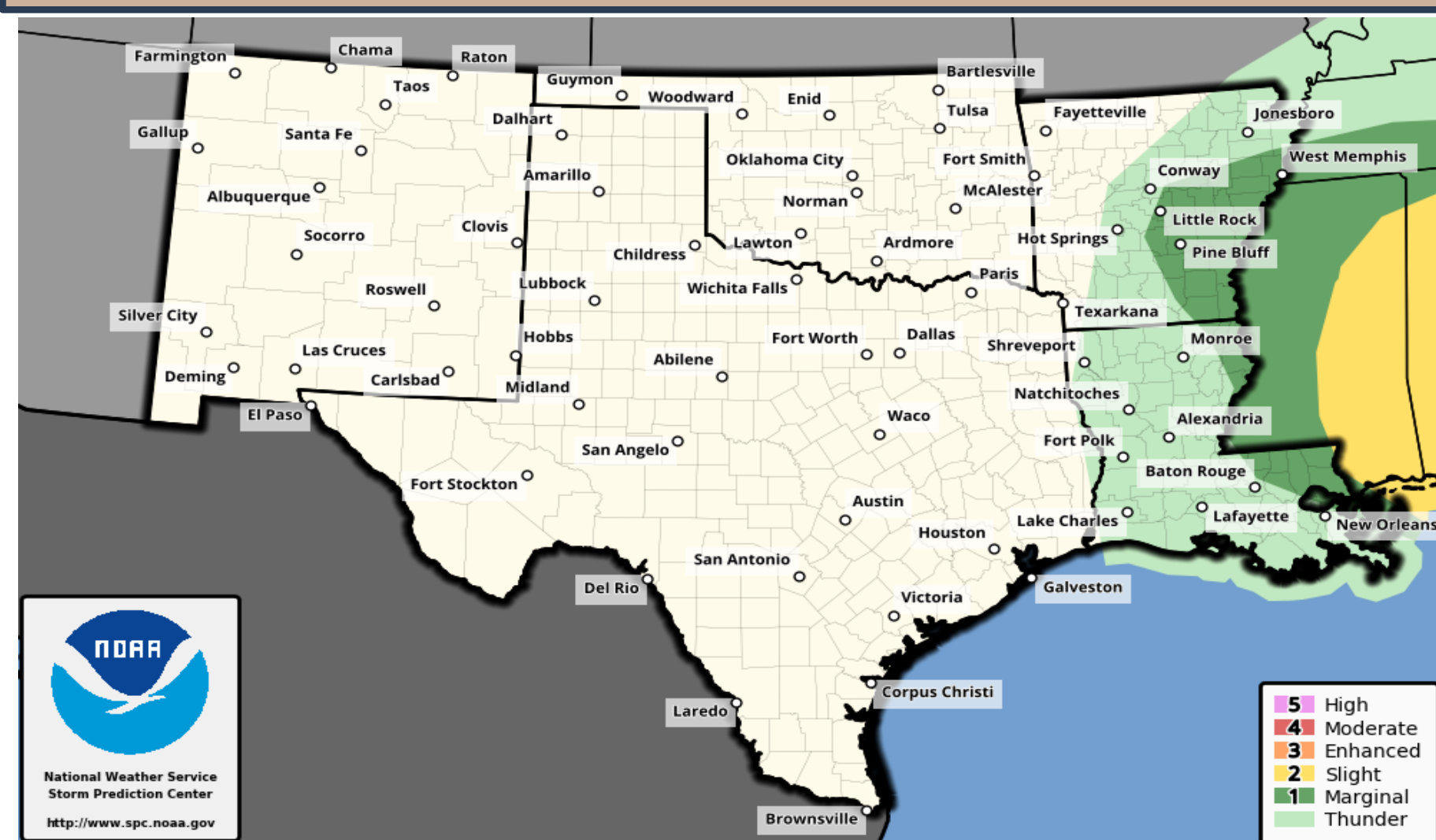


Forecast Rainfall

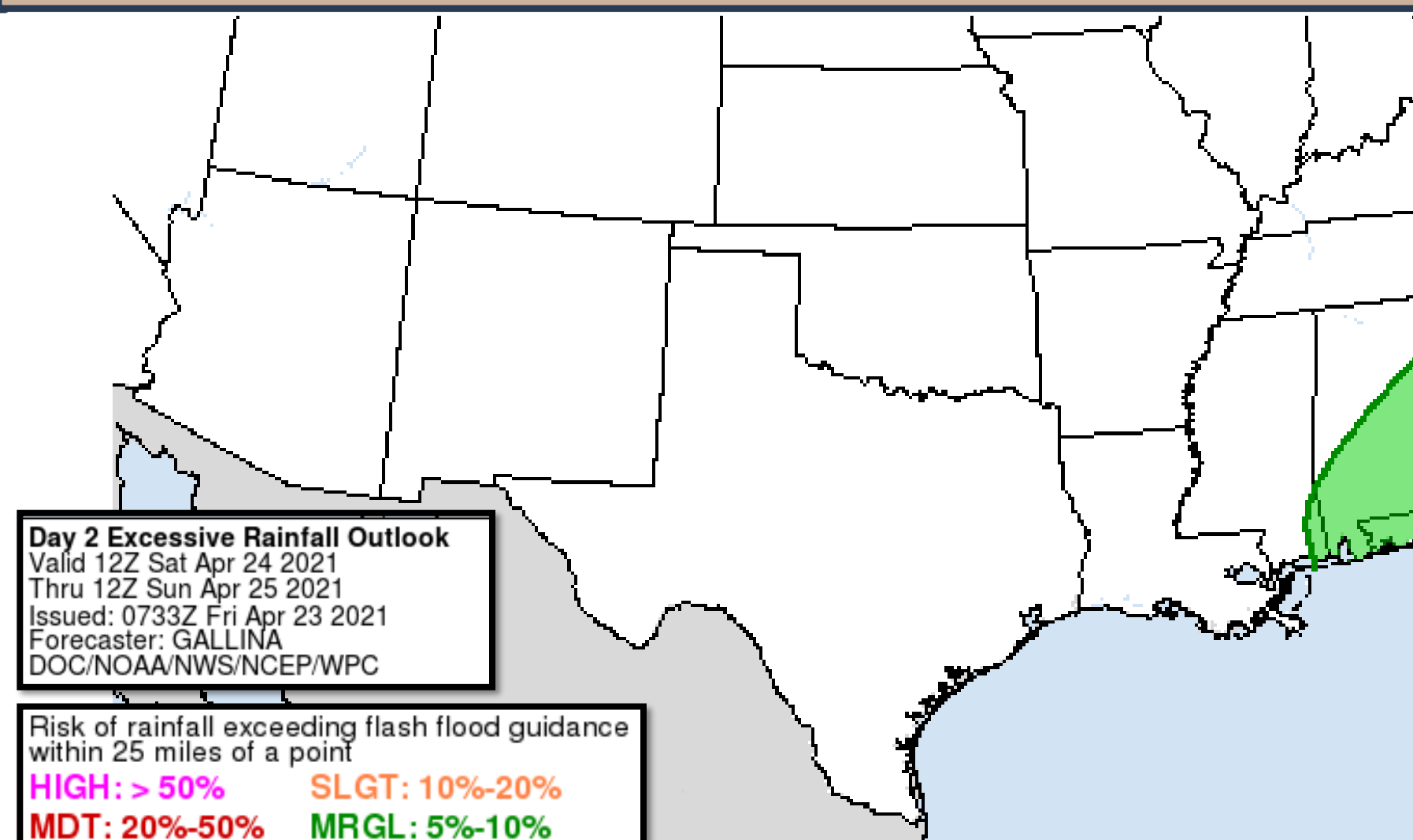


Isolated severe thunderstorms
across SE LA.

Severe Weather Outlook

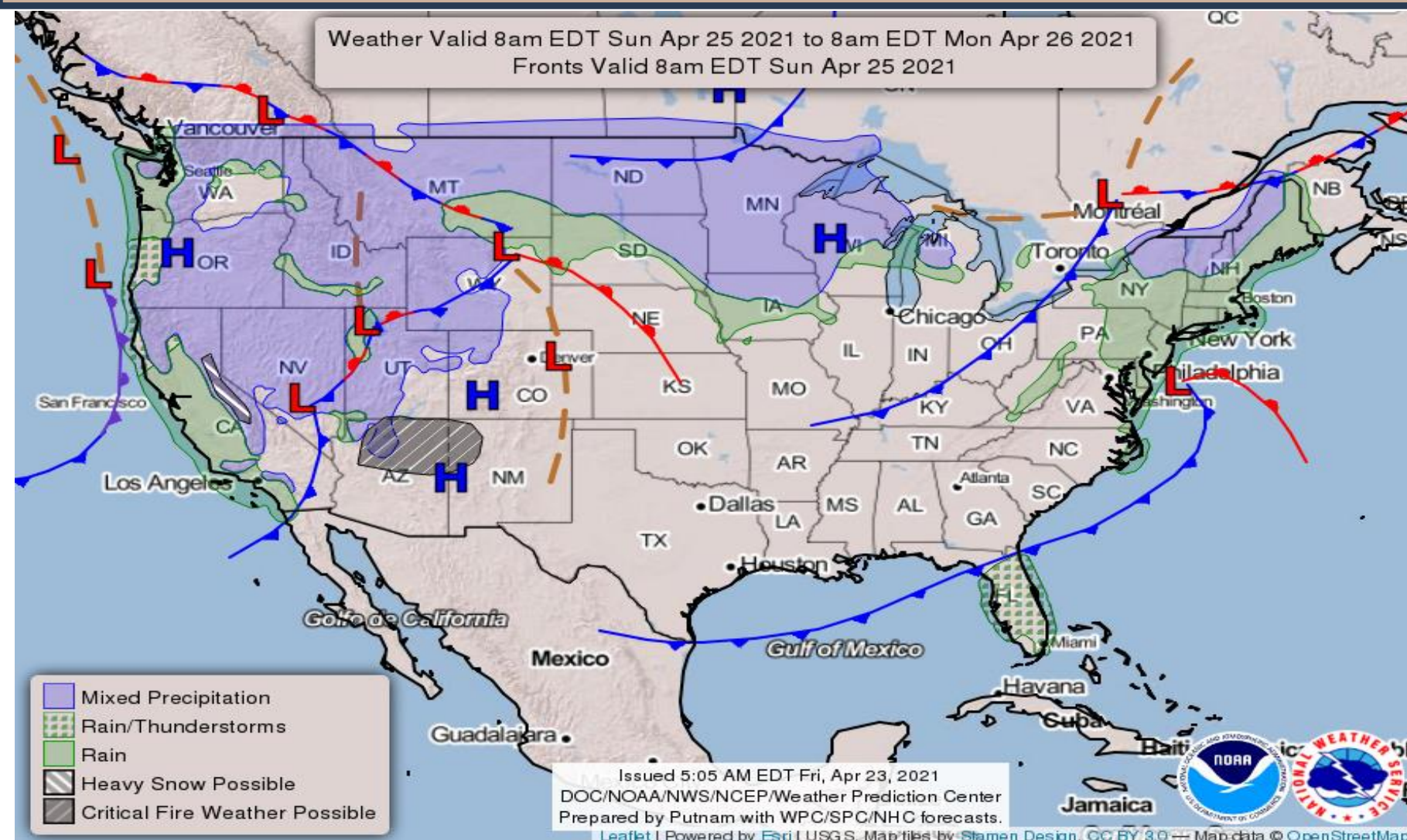


Excessive Rainfall Outlook

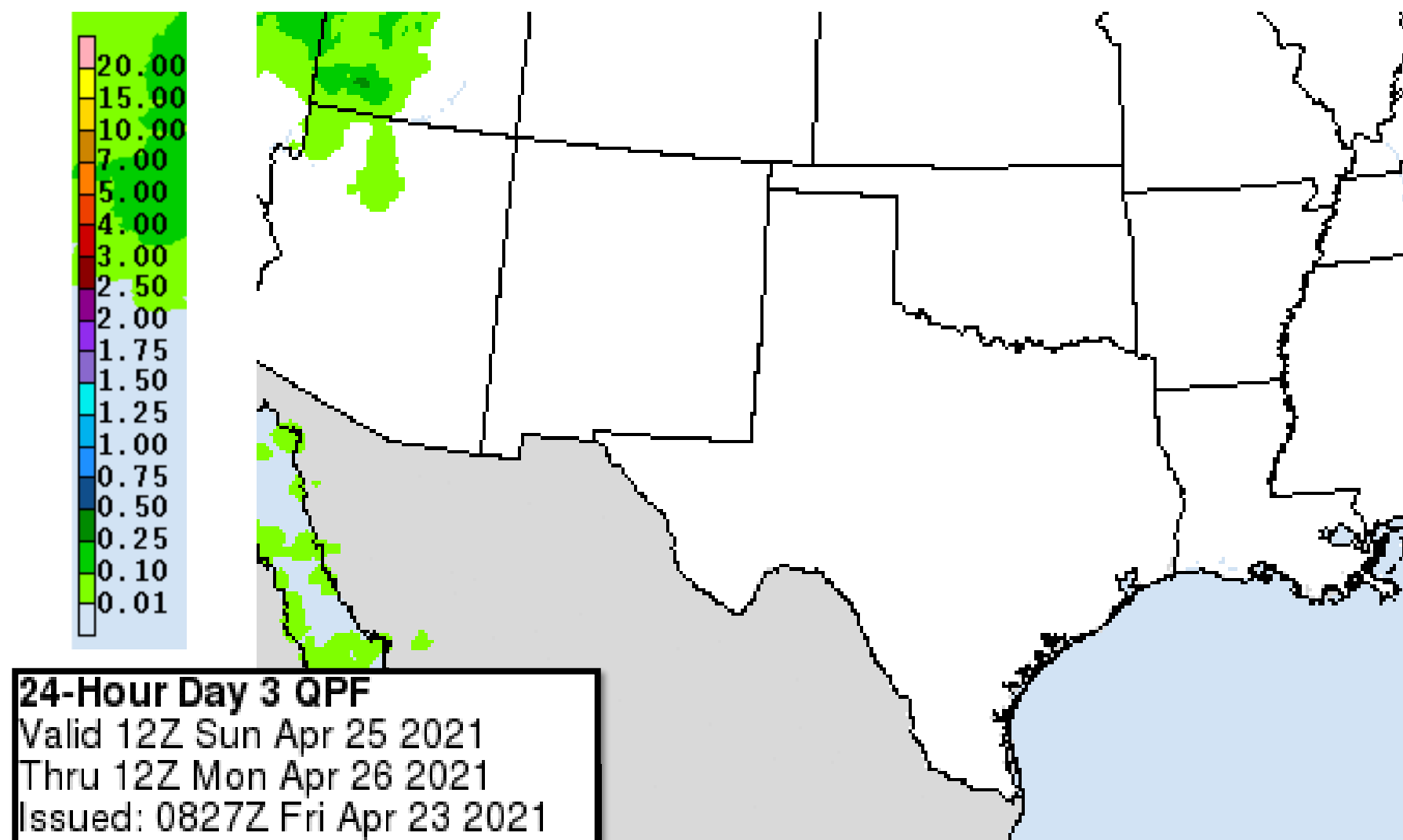


Sunday's Weather

Forecast Chart



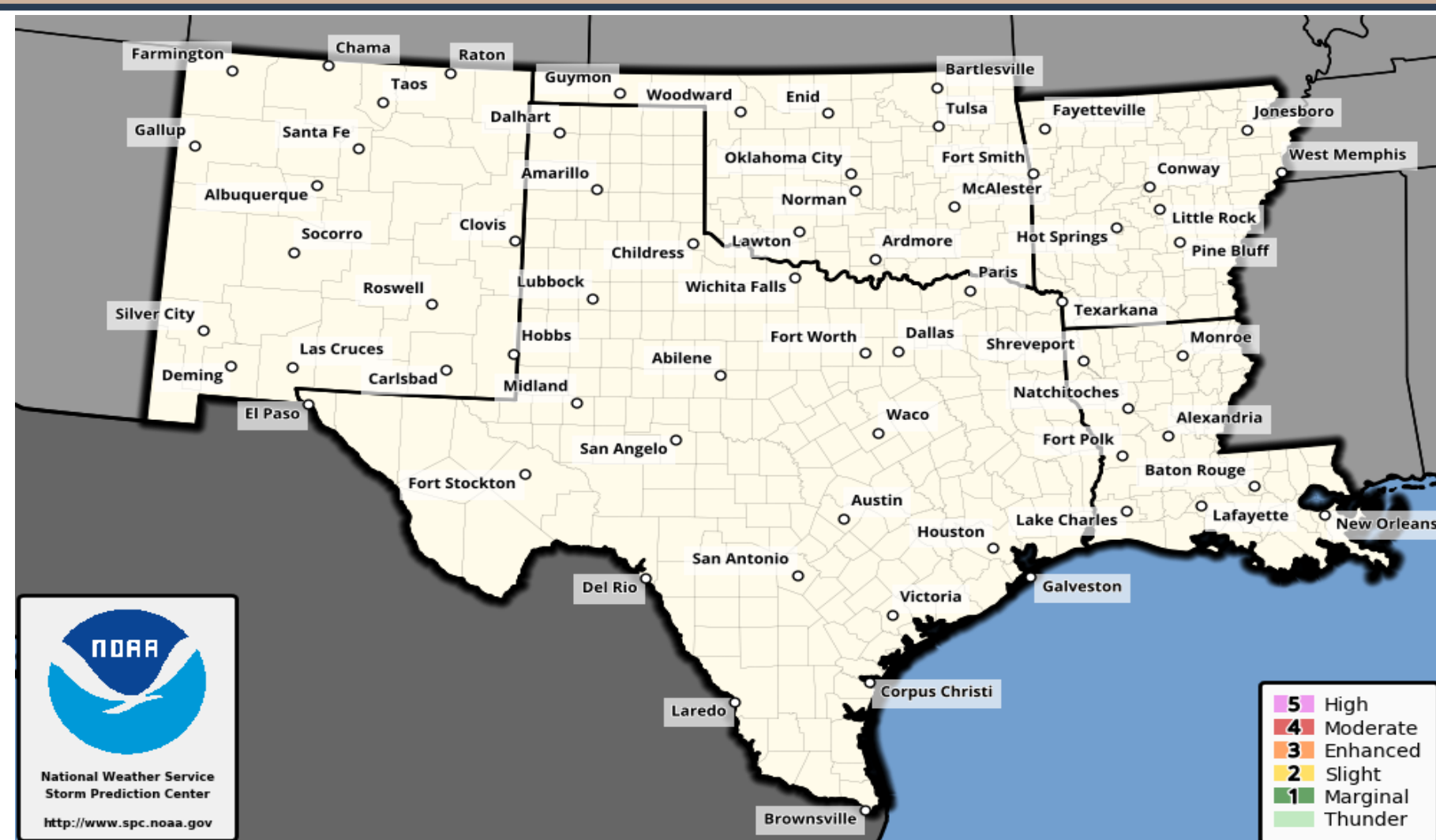
Forecast Rainfall



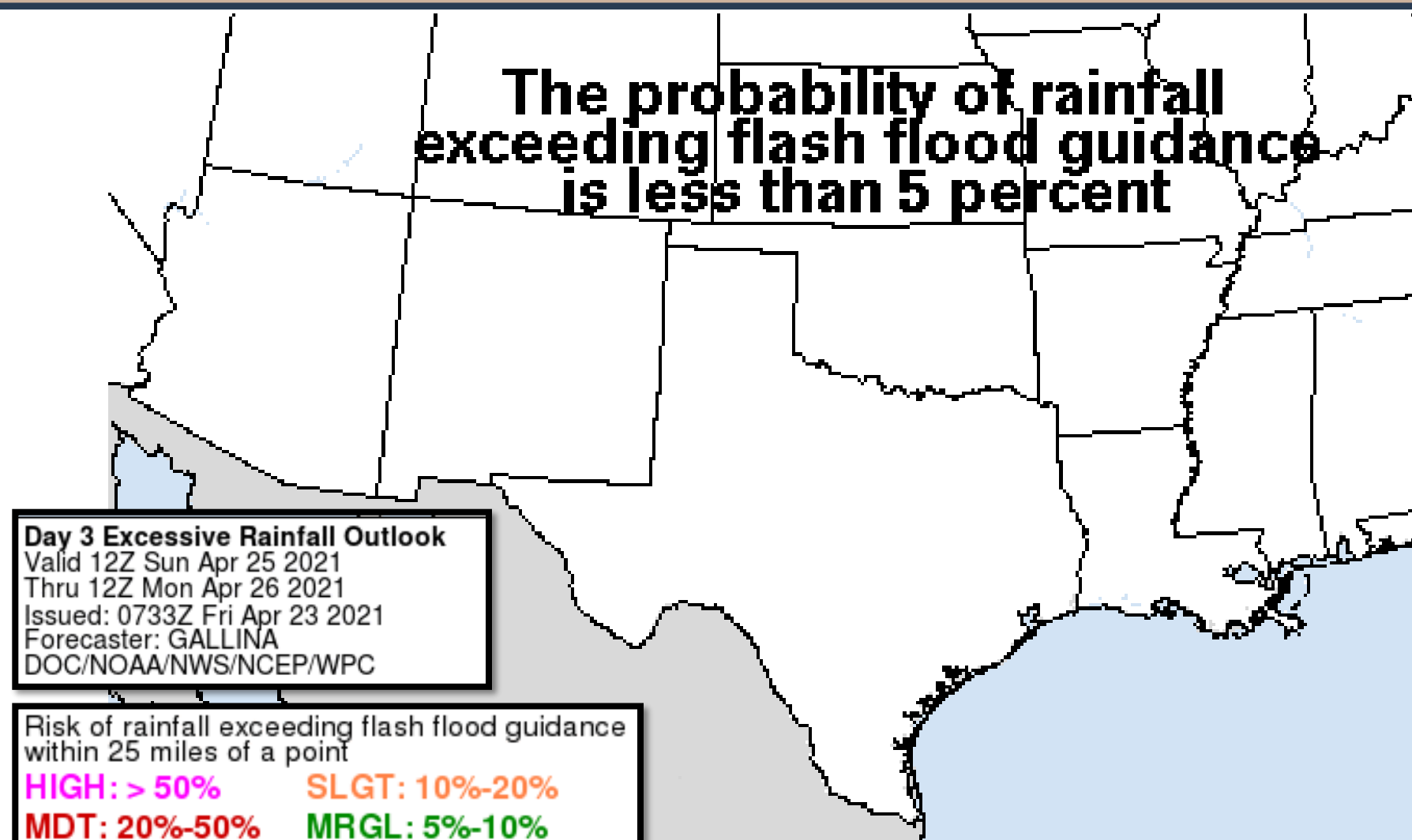
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

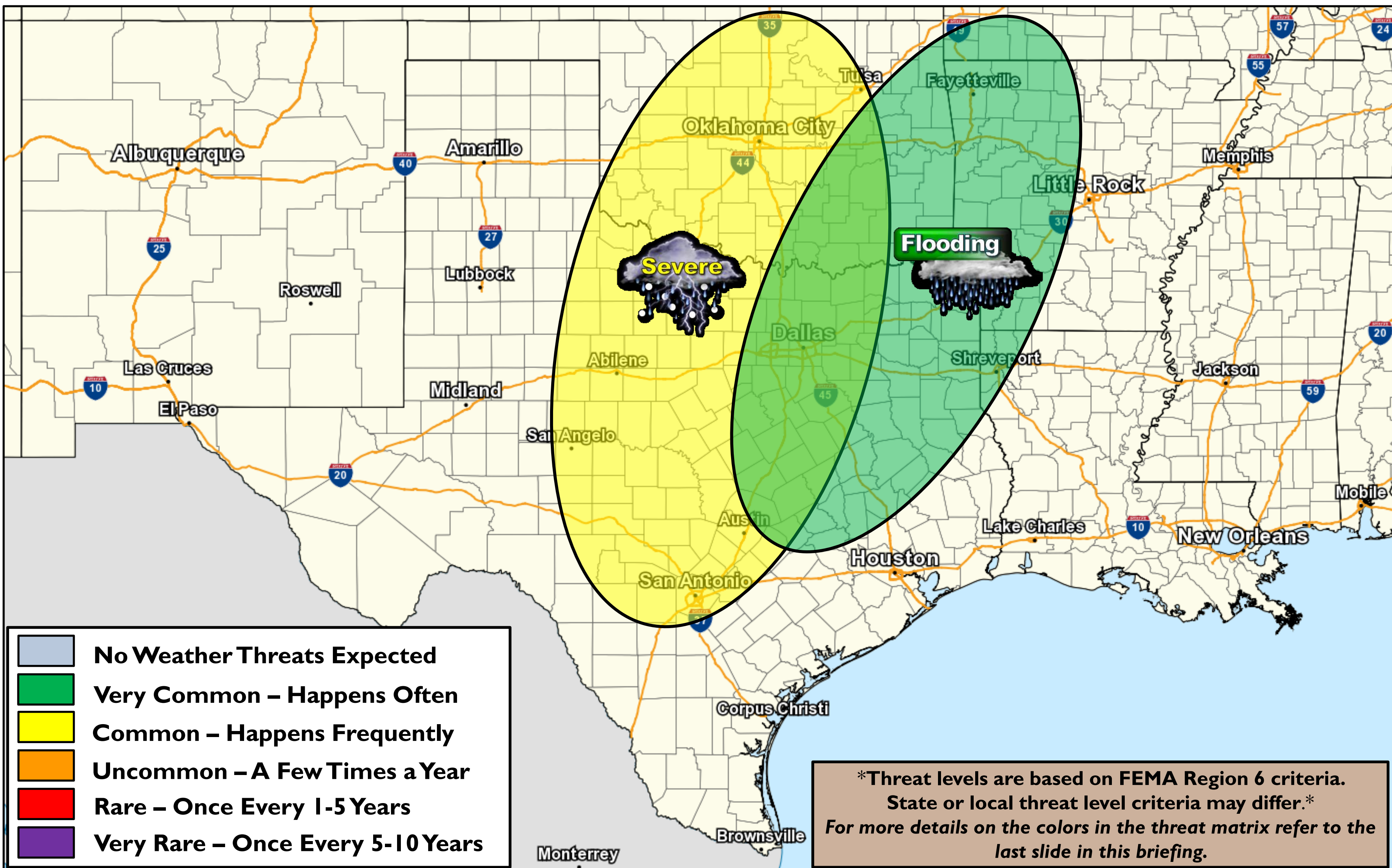
Monday - Tuesday



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**Severe thunderstorms possible
on Tuesday across TX/OK.**

**Threat of heavy rainfall and
flash flooding across
TX/OK/AR on Tuesday.**



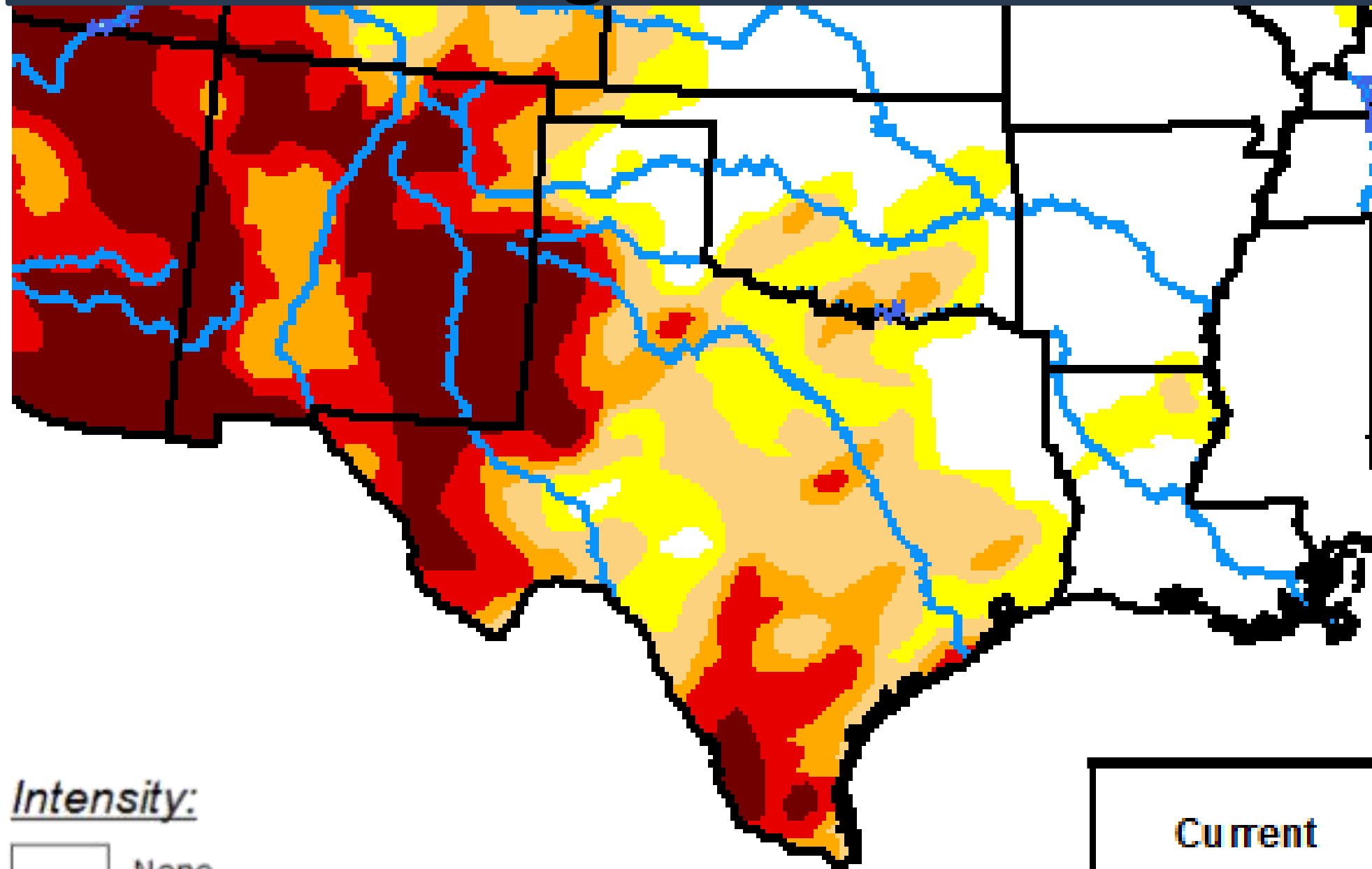
Drought Monitor (Released Apr 22, 2021)



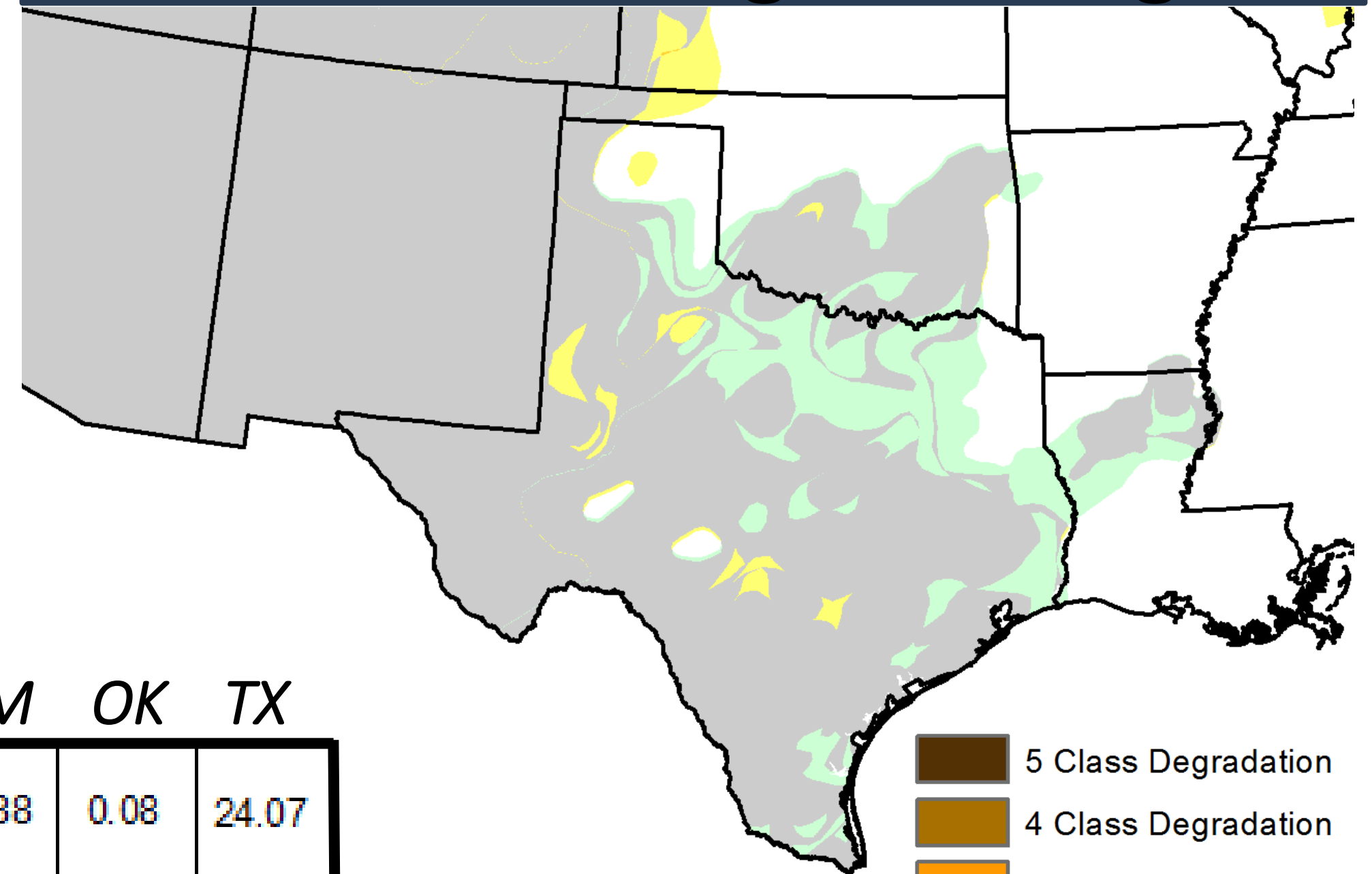
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Data valid as of 8 am ET on Tuesday, April 20, 2021

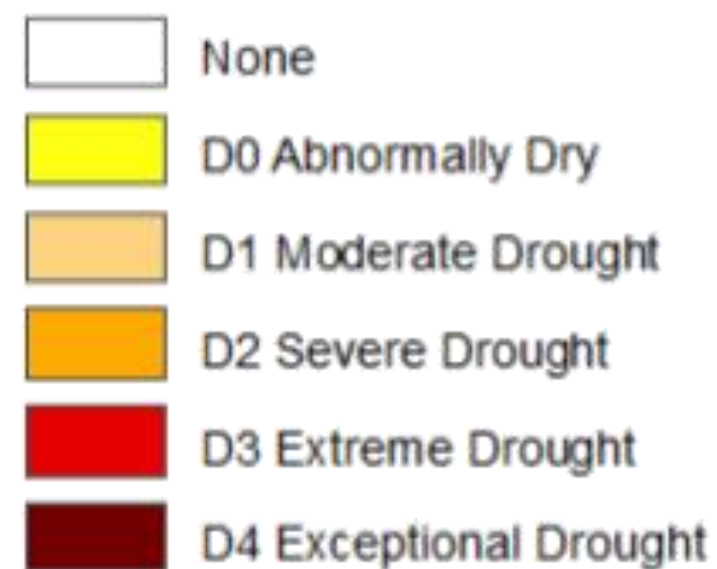
Drought Monitor



One Week Change in Drought



Intensity:

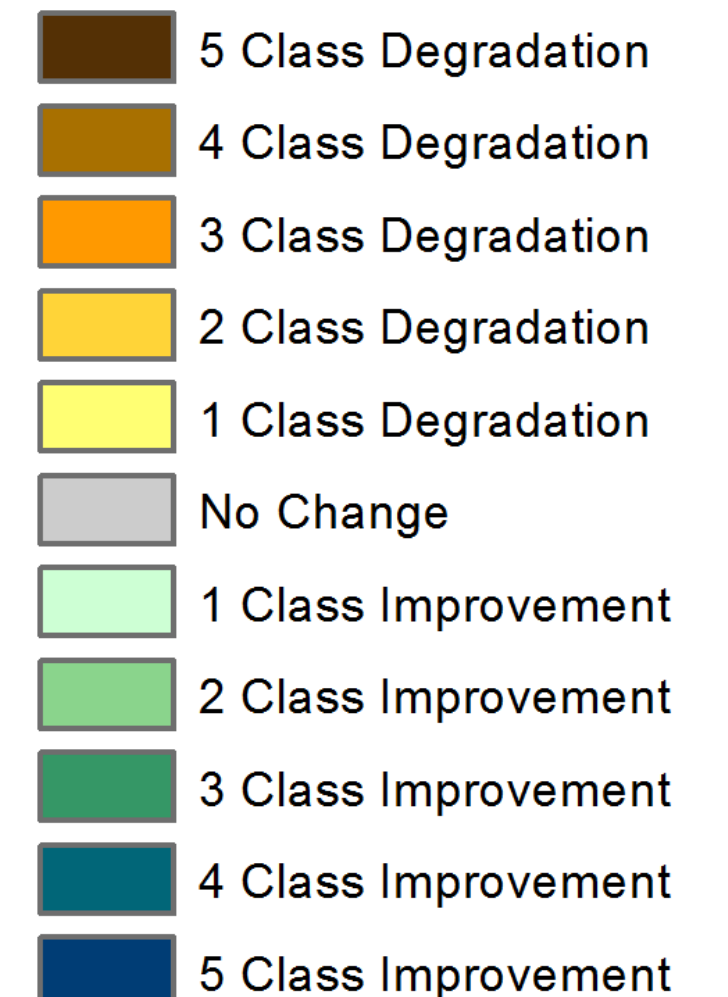


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

	AR	LA	NM	OK	TX
Current	0.00	0.00	79.88	0.08	24.07
Last Week 04-13-2021	0.00	0.00	79.88	0.08	24.29
3 Months Ago 01-19-2021	0.00	0.00	82.62	0.83	19.82
One Year Ago 04-21-2020	0.00	0.00	0.00	0.00	1.92

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

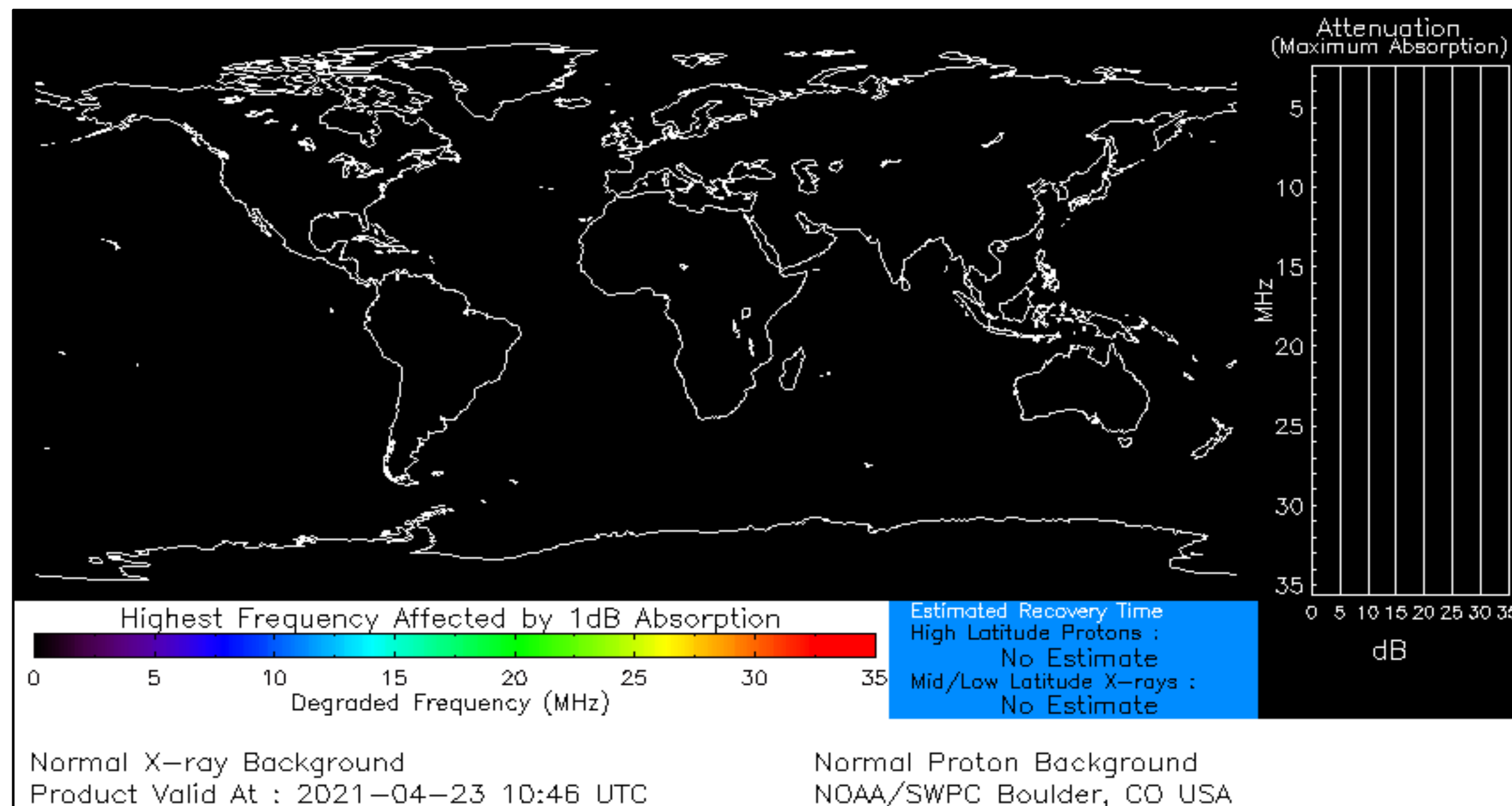


Space Weather 3-Day Forecast



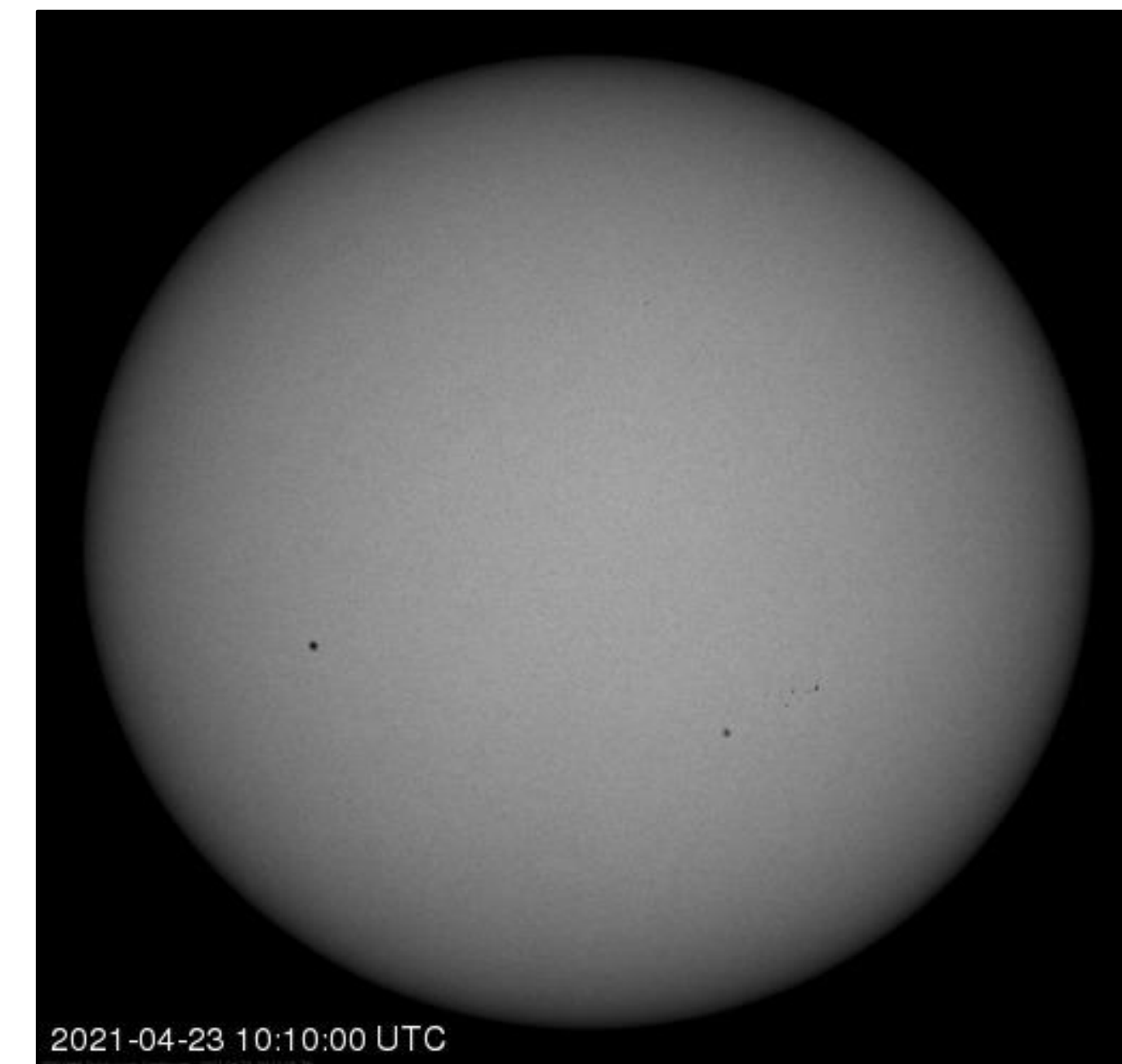
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	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Moderate (G2) Storm (Max Kp = 6)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov